

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051604

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/076332 A1 (CHOI HYON-SHIK) 24 April 2003 (2003-04-24) paragraph '0047! - paragraph '0054!; figure 2 -----	1,13,18
A	US 6 377 275 B1 (KIM JUNG-DAE) 23 April 2002 (2002-04-23) column 6, line 48 - column 7, line 40; figure 2 -----	1,13,18
A	US 2001/035874 A1 (HAMILTON WILLIAM ERIC ET AL) 1 November 2001 (2001-11-01) paragraph '0009! -----	1,13,18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
7 December 2004	21/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Farricella, L

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Information on patent family members

In International Application No

PCT/IB2004/051604

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003076332	A1	24-04-2003	KR CN GB	2003032564 A 1413015 A 2381177 A ,B		26-04-2003 23-04-2003 23-04-2003
US 6377275	B1	23-04-2002	CN DE JP	1236937 A 19918902 A1 11338448 A		01-12-1999 28-10-1999 10-12-1999
US 2001035874	A1	01-11-2001		NONE		